

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068232.D
 Acq On : 28 Jan 2021 19:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:59:15 AM

Quant Time: Jan 29 00:12:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	301639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	546492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	496827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	222706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	148638	51.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.02%			
35) Dibromofluoromethane	7.920	113	153905	50.94	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.88%			
50) Toluene-d8	10.344	98	548682	45.40	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.80%			
62) 4-Bromofluorobenzene	12.632	95	206184	47.38	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.76%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	182886	51.04	ug/l	96
3) Chloromethane	2.209	50	233365	60.48	ug/l	97
4) Vinyl Chloride	2.350	62	267205	62.26	ug/l	99
5) Bromomethane	2.773	94	180748	61.41	ug/l	100
6) Chloroethane	2.926	64	173504	66.18	ug/l	92
7) Trichlorofluoromethane	3.279	101	315351	55.98	ug/l	99
8) Diethyl Ether	3.714	74	103710	62.52	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	188985	57.52	ug/l	93
10) Methyl Iodide	4.303	142	187881	50.92	ug/l	94
11) Tert butyl alcohol	5.226	59	65289	252.66	ug/l	99
12) 1,1-Dichloroethene	4.073	96	189764	57.42	ug/l	90
13) Acrolein	3.926	56	52957	232.89	ug/l	98
14) Allyl chloride	4.720	41	272897	56.77	ug/l	96
15) Acrylonitrile	5.426	53	218508	332.56	ug/l	99
16) Acetone	4.162	43	154721	300.30	ug/l	92
17) Carbon Disulfide	4.414	76	593414	55.75	ug/l	98
18) Methyl Acetate	4.726	43	100569	75.21	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	481165	62.98	ug/l	94
20) Methylene Chloride	4.967	84	233135	66.12	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	223401	58.89	ug/l	89
22) Diisopropyl ether	6.367	45	604894	62.36	ug/l	95
23) Vinyl Acetate	6.308	43	1621283	313.57	ug/l	99
24) 1,1-Dichloroethane	6.267	63	388257	61.78	ug/l	99
25) 2-Butanone	7.214	43	236702	305.12	ug/l	95
26) 2,2-Dichloropropane	7.214	77	328050	55.17	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	258399	62.73	ug/l	95
28) Bromochloromethane	7.550	49	116108	54.23	ug/l #	77
29) Tetrahydrofuran	7.561	42	161411	320.96	ug/l	95
30) Chloroform	7.714	83	400296	63.03	ug/l	96
31) Cyclohexane	7.991	56	328595	52.59	ug/l	92
32) 1,1,1-Trichloroethane	7.908	97	339261	59.28	ug/l	95
36) 1,1-Dichloropropene	8.114	75	304297	55.22	ug/l	97
37) Ethyl Acetate	7.297	43	115119	59.05	ug/l	96
38) Carbon Tetrachloride	8.097	117	286645	55.57	ug/l	97
39) Methylcyclohexane	9.355	83	379102	52.62	ug/l	98
40) Benzene	8.355	78	895451	58.11	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	66129	56.21	ug/l	96
42) 1,2-Dichloroethane	8.426	62	246829	59.95	ug/l	99
43) Isopropyl Acetate	8.455	43	232515	57.23	ug/l	95
44) Trichloroethene	9.114	130	236114	55.80	ug/l	95
45) 1,2-Dichloropropane	9.391	63	222679	59.01	ug/l	95
46) Dibromomethane	9.479	93	118110	61.77	ug/l	94
47) Bromodichloromethane	9.661	83	312903	60.65	ug/l	97
48) Methyl methacrylate	9.461	41	109502	54.15	ug/l	93
49) 1,4-Dioxane	9.467	88	27476	1226.26	ug/l #	88
51) 4-Methyl-2-Pentanone	10.232	43	576600	305.33	ug/l	98
52) Toluene	10.408	92	580951	57.87	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	298351	57.14	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	354173	56.98	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	167003	61.63	ug/l	92
56) Ethyl methacrylate	10.661	69	214575	59.45	ug/l	95
57) 1,3-Dichloropropane	10.949	76	291151	60.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	466526	280.08	ug/l	92
59) 2-Hexanone	10.985	43	385424	294.43	ug/l	98
60) Dibromochloromethane	11.144	129	202582	59.63	ug/l	99
61) 1,2-Dibromoethane	11.249	107	161765	60.50	ug/l	98
64) Tetrachloroethene	10.879	164	186925	53.38	ug/l	98
65) Chlorobenzene	11.673	112	606080	57.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	215395	58.01	ug/l	97
67) Ethyl Benzene	11.749	91	1110790	56.83	ug/l	97
68) m/p-Xylenes	11.855	106	833585	112.97	ug/l	99
69) o-Xylene	12.179	106	388625	56.71	ug/l	97
70) Styrene	12.196	104	672218	57.47	ug/l	98
71) Bromoform	12.361	173	109740	58.31	ug/l #	99
73) Isopropylbenzene	12.479	105	1043940	56.33	ug/l	99
74) N-amyl acetate	12.291	43	217331	56.42	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.732	83	181430	61.55	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	114853m	53.34	ug/l	
77) Bromobenzene	12.761	156	233409	58.75	ug/l	88
78) n-propylbenzene	12.820	91	1237926	56.46	ug/l	97
79) 2-Chlorotoluene	12.908	91	690322	56.08	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	863649	55.96	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	58143	54.64	ug/l	96
82) 4-Chlorotoluene	13.008	91	720367	56.28	ug/l	98
83) tert-Butylbenzene	13.226	119	725822	55.50	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	864699	56.45	ug/l	99
85) sec-Butylbenzene	13.402	105	1025964	56.08	ug/l	99
86) p-Isopropyltoluene	13.514	119	932218	56.03	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	445286	58.29	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	433125	57.55	ug/l	98
89) n-Butylbenzene	13.843	91	893903	55.98	ug/l	98
90) Hexachloroethane	14.114	117	166914	55.54	ug/l	90
91) 1,2-Dichlorobenzene	13.890	146	386027	59.00	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	27791	57.61	ug/l	85
93) 1,2,4-Trichlorobenzene	15.161	180	258006	57.52	ug/l	99
94) Hexachlorobutadiene	15.267	225	135997	54.69	ug/l	99
95) Naphthalene	15.402	128	496641	59.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	216733	57.28	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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